

- Purificn. of air by scrubbing with activated sludge and solvent - using **membrane** filtration to separate **sludge** and solvent from **purge** stream.

L20 ANSWER 100 OF 121 WPINDEX COPYRIGHT 2002 DERWENT INFORMATION LTD

AN 1992-332844 [41] WPINDEX

DNC C1992-148016

DC D15 J01

IN BLUM, S; KRATZ, G; YUEKSEL, M L; YUEKSEL, M

PA (HENK) HENKEL KGAA

CYC 17

PI DE 4109732 A 19921001 (199241)\* 4p

WO 9216283 A1 19921001 (199242) DE 17p

RW: AT BE CH DE DK ES FR GB GR IT LU MC NL SE

W: CA US

EP 579623 A1 19940126 (199404) DE

R: AT BE CH DE DK ES FR GB GR IT LI LU NL SE

EP 579623 B1 19950315 (199515) DE 5p

R: AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DE 59201674 G 19950420 (199521)

ES 2069419 T3 19950501 (199524)

ADT DE 4109732 A DE 1991-4109732 19910325; WO 9216283 A1 WO 1992-EP566

19920316; EP 579623 A1 EP 1992-906671 19920316, WO 1992-EP566 19920316; EP

579623 B1 EP 1992-906671 19920316, WO 1992-EP566 19920316; DE 59201674 G

DE 1992-501674 19920316, EP 1992-906671 19920316, WO 1992-EP566 19920316;

ES 2069419 T3 EP 1992-906671 19920316

FDT EP 579623 A1 Based on WO 9216283; EP 579623 B1 Based on WO 9216283; DE

59201674 G Based on EP 579623, Based on WO 9216283; ES 2069419 T3 Based on

EP 579623

PRAI DE 1991-4109732 19910325

AN 1992-332844 [41] WPINDEX

AB DE 4109732 A UPAB: 19931006

Purificn. of air contg. water-insol. biodegradable contaminants is

effected by scrubbing the **air** with a **mixt.** of

activated sludge (AS) and a high-boiling solvent, whereby the solvent absorbs the contaminants and the AS degrades them.

The solvent and AS are sepd. from at least part of the scrubber effluent (and recycled), while the residual effluent is discharged. Sepn. is effected by **membrane** filtration using an inorganic or hydrophilised organic **membrane**.

ADVANTAGE - **Membrane** filtration gives **cleaner** sepn. than flotation (cf. DE3641442).

BEST AVAILABLE COPY